



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

## **Complete if Known**

Application Number	10/532,524
Filing Date	October 3, 2003
First Named Inventor	Ernest C. Chen
Art Unit	2631
Examiner Name	To be determined
Attorney Docket Number	PD-201033

Sheet 1 of 3

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/E.B./		US-6,718,184	04-2004	Aiken et al.	
		US-5,819,157	10-1998	Ben-Efraim et al.	
		US-5,999,793	12-1999	Ben-Efraim et al.	
		US-6,297,691	10-2001	Anderson et al.	
		US-6,501,804	12-2002	Dietmar et al.	
		US-6,745,050	06-2004	Forsythe et al.	
		US-6,718,184	04-2004	Aiken et al.	
		US-5,625,640	04-1997	Palmer et al.	
		US-6,597,750	07-2003	Knutson et al.	
		US-6,433,835	08-2002	Hartson et al.	
		US-4,800,573	01-1989	Cupo, Robert L.	
		US-6,266,534	07-2001	Raith et al.	
		US-5,467,197	11-1995	Hoff, Don G.	
		US-6,574,235	06-2003	Arsilan et al.	
		US-5,430,770	07-1995	Abbey	
/E.B./		US-5,966,412	10-1999	Ramaswamy	

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
/E.B./		EP 0929164	07-1999	Societe Europeene des Satellites		
/E.B./		WO 02/073817	09-2002	Nokia Corporation		
/E.B./		EP 0356096	02-1990	Meyers		
/E.B./		EP 0238822	09-1987	NEC Corporation		

Examiner Signature	/Emmanuel Bayard/	Date Considered	12/02/2008
--------------------	-------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Project (2002-08-000), no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/532,524
Filing Date	October 3, 2003
First Named Inventor	Ernest C. Chen
Art Unit	2631
Examiner Name	To be determined
Attorney Docket Number	PD-201033

Sheet 2 of 3

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/E.B./		US-5,329,311	07-1994	Ward et al.	
		US-5,450,623	09-1995	Yokoyama et al.	
		US-5,966,186	10-1999	Shighihara et al.	
		US-6,028,894	02-2000	Oishi et al.	
		US-6,032,026	02-2000	Seki et al.	
		US-6,034,952	03-2000	Dohi et al.	
		US-6,108,374	08-2000	Balachandran et al.	
		US-6,140,809	10-2000	Doi	
		US-6,219,095	04-2001	Zhang et al.	
		US-4,039,961	08-1977	Ishio et al.	
		US-6,275,678	08-2001	Bethscheider et al.	
		US-3,383,598	05-1968	Sanders	
		US-5,577,087	11-1996	Furuya	
		US-5,602,868	02-1997	Wilson	
		US-5,815,531	09-1998	Dent	
		US-5,960,040	09-1999	Cai et al.	
		US-6,987,068	11-1999	Cassia et al.	
		US-5,579,344	11-1996	Namekata, Minoru	
		US-5,121,414	06-1992	Levine et al.	
		US-6,144,708	11-2000	Maruyama, Hidenori	
		US-6,055,278	04-2000	Ho et al.	
		US-6,330,336	12-2001	Kasama, Minoru	
		US-6,008,692	12-1999	Escartin	
/E.B./		US-6,249,180	06-2001	Maalej et al.	

Examiner Signature	/Emmanuel Bayard/	Date Considered	12/02/2008
-----------------------	-------------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)	Substitute for form 1449/PTO	<b>Complete if Known</b>	
		Application Number	10/532,524
		Filing Date	October 3, 2003
		First Named Inventor	Ernest C. Chen
		Art Unit	2631
		Examiner Name	To be determined
Sheet 3 of 3		Attorney Docket Number	PD-201033

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
/E.B./		JANSSEN, G.J.M.; SLIMANE, S.B.: "Performance of a Multiuser Detector for M-PSK Signals Based on Successive Cancellation", ICC 2001, 2001 IEEE International Conference on Communications, Conference Record, Helsinki, Finland, June 11-14, 2001, XP010552960	
		SLIMANE, S.B.; JANSSEN, G.J.M.: "Power Optimization of M-PSK Cochannel Signals for a Narrowband Multiuser Detector", 2001 IEEE Pacific Rim Conference on Communications, Computer and Signal Processing, Victoria, B.C., Canada, August 26-28, 2001, XP010560334	
		SOONG, A.C.K.; KRZYMIEN, W.A.: "Performance of a Reference Symbol Assisted Multistage Successive Interference Cancelling Receiver in a Multicell CDMA Wireless System", Conference Record, Communication Theory Mini-Conference GlobeCom '95, IEEE Singapore 13-17 November 1995, XP010159490	
		ARSLAN, H.; MOLNAR, K: "Iterative Co-channel Interference Cancellation in Narrowband Mobile Radio Systems", Emerging Technologies Symposium: Broadband, Wireless Internet Access, 2000 IEEE April 10-11, 2000, Piscataway, New Jersey, US, XP010538900	
		MAZZINI, GIANLUCA: "Power Division Multiple Access", Universal Personal Communications, 1998, ICUPC 1998, IEEE 1998, International Conference on Florence, Italy, 5-9 October 1998, New York, NY, US, IEEE, US 5 October 1998 (1998 10-5), pages 543-546, XP010314962 ISBN: 0-7803-5106-1	
		SALEH, A.A.M. et al.: "Adaptive Linearization of Power Amplifiers in Digital Radio Systems", Bell System Technical Journal, American Telephone and Telegraph Co., New York, US, Vol. 62, No. 4, Part 1, 1 April 1983 (1983-04-01), pages 1019-1033, XP002028354	
/E.B./		RAMCHANDRAN, KANNAN et al.: "Multiresolution Broadcast for Digital HDTV Using Joint Source/Channel Coding, IEEE, Vol. 11, No. 1, January 1993, pp. 6-22	

Examiner Signature	/Emmanuel Bayard/	Date Considered	12/02/2008
--------------------	-------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.